

Mechanical Hydraulic Engineer

Job Duties/Responsibilities:

Plans and conducts independent work requiring judgment in the evaluation, selection, application and adaptation of designs. Knowledgeably applies industry codes, standards and accepted design practices. Work may include interaction with contractors, review of their designs and fabrications, specification and oversight of testing requirements. The work may include review of vendor drawings, calculations, equipment sizing and selection, installation procedures, testing procedures and plans, and numerous related drawings and documents, including but not limited to calculations, single line diagrams, schematics, connection diagrams, outline and assembly drawings, specifications, datasheets, troubleshooting guides, I/O lists, detailed technical descriptions and reports, control software description and programming and testing, and other documents including design changes, etc. Job may include review of vendor submittals and responses to vendor inquiries. Assists in preparation of forecasts, quantity take-offs and change orders.

Must be able to perform field walk-down reconciliation of nuclear facility systems/equipments, includes qualification as radiological worker. Must be a self-starter and should be able to work with minimal direction. Must possess good oral and written communication skills. Must be able to accept and work to facility priorities, which are subject to change, to accomplish mission objectives. Must be able to work independently and with others to accomplish assigned work. Individual will be expected to be proactive in learning and/or keeping up with standards, methods and practices necessary to develop compliant designs.

Minimum Qualifications/Skills Requirements:

- 1- BS Engineering or eleven years experience
 - 2- Three years system engineering experience
 - 3- Three years hydraulics system experience
 - 4- DOE or commercial nuclear facility experience preferred
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